GENERAL®

WEATHER

Precision, Specialty and Innovation

ANALOG BAROMETER

The original weather forecaster.

ABAR300

FEATURES

- Brass housing
- Classic design

SPECIFICATIONS

- Pressure Measurement Range: 27.5 to 31.5 in./Hg (940 to 1060 millibar)
- Dimensions: 3 in. dial diameter
- Weight: 10 oz. (283g)

UPC	NO.
61205 7	**ABAR300**

ANALOG BAROMETER THERMO-HYGROMETER

Measures temperature, humidity and barometric pressure.

ABARTH

FEATURES

- 3-in-1 weather station
- Brass construction
- Attractive design
- 6 in. dial
- Also calculates and displays dew point and wet bulb temperature

SPECIFICATIONS

- Temperature Measurement Range: -20° to 124°F (-29° to 50°C)
- Relative Humidity Measurement Range: 5 to 95%
- Pressure Measurement Range: 27.5 to 31.5 in./Hg (940 to 1060 millibar)

UPC	NO.
61210 1	**ABARTH**

DIGITAL POCKET WEATHERMAN

Checks temperature, humidity and barometric pressure.

CE RoHS

SAM700BAR

FEATURES

- Displays barometric pressure, dew point, temperature and humidity
- Easy field set-up
- New ergonomic design
- Min/Max memory
- Fast 2 second response time
- Large digital display
- °F/°C readings
- Data hold
- Auto power off
- Low battery indicator
- CE and RoHS approved

SPECIFICATIONS

- Temperature Measurement Range: -4° to 122°F (-20° to 50°C)
- Pressure Measurement Range: 8.86 to 32.48 in/Hg (300 to 1100 hPa)
- Temperature Measurement Accuracy: ±1.8°F
- Humidity Measurement Range: 5 to 95%
- Pressure and Dew Point Accuracy: 3%
- Humidity Accuracy: ±5%
- Dimensions: 6.88 x 1.57 x 0.91 in. (175 x 40 x 23mm)
- Power Source: 1 “CR2032” battery (included)

Includes: • Pocket clip
• Battery

UPC	NO.
10115 5	**SAM700BAR**

ALWAYS WEAR OSHA APPROVED SAFETY GOGGLES

DIGITAL WEATHER FORECASTER

Measures and displays indoor and outdoor temperature, humidity and barometric pressure.

FEATURES

- Also displays 12-hour barometric pressure history
- Min/Max temperature and humidity memory
- Temperature trend indicator
- Moon cycle with tide indicator
- Alarm clock with snooze, day and date
- Full calendar
- Hi precision barometric weather forecast
- Forecast: sunny, partial sunny, cloudy, rainy, stormy
- 3-Channel wireless thermometer
- Backlit display
- °F/°C, 12/24 hour clock selectable
- CE approved

SPECIFICATIONS

- Temperature Range:
  Indoor: 32° to 122°F (0° to 50°C)
  Outdoor: -4° to 140°F (-20° to 60°C)
- Pressure Range: 800 to 1100 mb/hPa
- Altitude Compensation Range:
  -984 to 3937 ft. (-300 to 1200m)
- Power Source:
  Base Unit: 2 "AA" batteries (included)
  Remote Unit: 2 "AAA" batteries (included)

UPC	NO.
60018 4	**DBAR880**

CE

DBAR880

WIRELESS RAIN GAUGE WITH TEMPERATURE DISPLAY, REMOTE RAIN BUCKET AND TEMPERATURE SENSOR

Provides rain history and temperature.

FEATURES

- Daily rainfall and past 9 day history
- Cable free rain collection canister is self-emptying
- Total rainfall is displayed with registered date
- Rainfall display in inches or millimeters
- Long range capability allows the collector to be placed up to 300 feet from the main unit
- Rainfall alarm
- Daily alarm
- Indoor temperature display with °F/°C switch
- Min/Max temperature memory
- 12 or 24 hour clock with calendar
- Displays data on an attractive, easy-view LCD console
- Table or wall mountable
- CE and RoHS approved

SPECIFICATIONS

- Total Rainfall Range:
  0 to 999.99 in. (0 to 25,400mm)
- Daily Rainfall Range:
  0 to 99.99 in. (0 to 2,540mm)
- Rainfall Resolution: 0.04 in. (1mm)
- Temperature Measurement Range:
  23° to 122°F (-5° to 50°C)
- Temperature Resolution: 0.1°F (0.1°C)
- Transmission Frequency: 433 MHz
- Transmission Range: 300 ft. (100m)
- Temperature Sensing Cycle:
  around 30 seconds
- Dimensions of Display Unit:
  5.25 x 3.5 x 1.5 in. (133 x 89 x 38mm)
- Power Source:
  Main unit: 2 "AA" batteries (not included)
  Remote Sensor: 2 "AA" batteries (not included)

Includes:
- Main display unit
- Wireless rain collection bucket with mounting materials
- Remote sensor with mounting materials
- User's manual

UPC	NO.
60340 6	**RGR126**

CE
RoHS

RGR126

CE
RoHS
RGR150

WIRELESS RAIN GAUGE WITH THERMOMETER AND CLOCK

Ideal for monitoring rainfall, indoor/outdoor temperatures and more.

FEATURES

- Wireless transmission from the remote temperature sensor to the main unit up to 100 feet (30 meters) away
- Rainfall may be displayed in inches or mm
- Programmable rain alarm
- 7 days of rain collection history
- Built-in rain gauge installation level
- Indoor and remote temperature display
- Min/Max memory for indoor/outdoor temperature
- Hourly, daily and weekly rainfall history
- Monitors temperature in up to 3 remote locations
- Quartz clock with calendar
- Programmable time zones
- Day of the week in English, German, French, Spanish or Italian
- Dual crescendo alarm with snooze
- Programmable ice warning alarm
- Wall mount or desktop option
- Low battery indicator
- Backlit 3-line LCD display on main unit
- CE and RoHS approved

SPECIFICATIONS

♦ **MAIN UNIT**

♦ TIME:
12/24 hour display in hh:mm format
Date Format: month-day or day-month
Day of the Week Language Options: English, Spanish, French, German, Italian

♦ **WEATHER**
Rainfall Measurement Range:
0 to 78.74 in. (0 to 1999.9mm)
Rainfall Resolution: 0.04 in. (1mm)
Indoor Temperature Measurement Range:
23° to 122°F (-5.0° to 50°C)
Temperature Resolution: 0.2°F (0.1°C)

♦ **REMOTE RAIN GAUGE**
Operating Temperature:
23° to 122°F (-5° to 50°C)
RF Transmission Frequency: 433 MHz
RF Transmission Range:
maximum 100 ft. (30m)
Rainfall Transmission Cycle:
approximately 183 seconds

SPECIFICATIONS

♦ **REMOTE TEMPERATURE SENSOR**
Temperature Measurement Range with Alkaline Batteries:
-4.0° to 158°F (-20.0° to 70.0°C)
Measurement Range with Lithium Batteries:
-38.0° to 158°F (-38.8° to 70.0°C)
Temperature Resolution: 0.2°F (0.1°C)
Temperature Transmission Cycle:
approximately 45 seconds

♦ Power Source:
Main Unit: 2 "AA" batteries (not included)
Remote Sensor: 2 "AA" batteries (not included)
Remote Rain Gauge: 2 "AA" batteries (not included)

♦ Dimensions:
Main Unit:
2.75 x 5.43 x 1.02 in. (70 x 138 x 26mm)
Remote Sensor:
2.37 x 4 x 1 in. (60 x 102 x 25mm)
Remote Rain Gauge:
6.49 x 6.89 x 4.72 in. (165 x 175 x 120mm)

UPC	NO.
01273 4	**RGR150**

Includes:
- Main display unit
- Wireless rain collection bucket with mounting materials
- Remote temperature sensor
- User's manual

ALWAYS WEAR OSHA APPROVED SAFETY GOGGLES

WIRELESS DATA LOGGING WEATHER STATION

The most complete, feature-packed data logging weather station in the world.

FEATURES

- Wirelessly transmits outdoor temperature, humidity, quantity of rainfall, wind velocity and direction from the exterior sensors to the display station from up to 325 ft. (100m) away
- Expandable up to 5 outdoor temperature/ humidity transmitters, for climate control of remote rooms, e.g. children's room, wine-cellar, greenhouse
- Indoor temperature and humidity with comfort level indicator of indoor climate
- Weather forecast with symbols and trend of atmospheric pressure
- Absolute and relative atmospheric pressure with 24 hours history
- Bar graph indication of atmospheric pressure, temperature or humidity for the last 24 hours
- Radio controlled clock with different alarms and snooze functions
- Display of date and day of the week (6 languages)
- Time of rising and setting of sun and moon
- Indication of moon phase
- Wind chill factor and dew point
- Programmable alarms for temperature and storm conditions
- Maximum and minimum values
- Backlit LCD with light sensor (in continuous operation with power adapter)
- For wall mounting or table standing
- Data logging software (Weather View PC) and cable included
- CE and RoHS approved

WS831DL

SPECIFICATIONS

- ♦ Radio Frequency: 433 MHz
- ♦ Transmission Range: up to 328 ft. (100m)
- ♦ Barometric Pressure:
  Measuring Range: 14.75 to 32.44 inHg (500 to 1100Hpa); (374.5 to 823.8 mmHg)
  Resolution: 0.003 inHg (0.1 Hpa, 0.08 mmHg)
  Accuracy: ±0.015 inHg (5 Hpa; 0.38 mmHg)
  Sampling interval: 20 minutes
  Altitude Compensation Range: -657 to 16404 ft. (-200 to 5000m)
- ♦ Temperature: (Main unit)
  Range: 14.2° to 140°F (-9.9° to 60°C)
  Resolution: 0.2°F (0.1°C)
  Accuracy: ±2°F (1°C)
  Sampling Interval: 10 seconds
- ♦ Temperature: (Remote unit)
  Range: -40° to 176°F (-40° to 80°C)
  Resolution: 0.2°F (0.1°C)
  Accuracy: ±2°F (1°C)
  Transmitting Interval: around 47 seconds
- ♦ Humidity: (Main unit)
  Range: 30 to 80%
  Resolution: 1%
  Accuracy: ±5%
  Sampling Interval: 10 seconds
- ♦ Humidity: (Remote unit)
  Range: 30 to 80%
  Resolution: 1%
  Accuracy: ±5%
  Sampling Interval: 10 seconds
  Transmitting Interval: around 47 seconds
- ♦ Wind Direction:
  Range: 0° to 360°
  Resolution: 22.5°
  Accuracy: ±11.25°
  Starting Threshold: 3mph (4.8 kmph)
  Transmitting Interval: 33 seconds
- ♦ Wind Speed:
  Range: 0 to 199.9mph (199.9 kmph, 173.7 Knots, 89.3 m/s)
  Resolution: 0.1mph (0.16 kmph)
  Accuracy: ±(2mph + 5%)
  Starting Threshold: 3mph (4.8 kmph)
  Wind/Gust Speed Display Update Interval: 33 seconds
  Wind/Gust Sampling Interval: 11 seconds
- ♦ Rainfall:
  1h/24h/Yesterday Range: 0 to 78.73 in. (0 to 1999.9mm)
  Last Week/Last Month Range: 0 to 787.3 in. (0 to 19999mm)
  Resolution: 0.03 in. (0.6578mm)
  Accuracy: ±5% ±0.03 in. (±5% ±0.6875mm)
  Transmitting Interval: 183 seconds
- ♦ Power Source:
  Total of 10 "AA" batteries (not included)
  MAIN UNIT:
  4 "AA" batteries or 7.5V AC/DC power adaptor (200mA; center pin positive)
  REMOTE THERMO-HYGROMETER:
  2 "AA" batteries each
  REMOTE ANEMOMETER:
  2 "AA" batteries
  REMOTE RAIN GAUGE:
  2 "AA" batteries
- ♦ Dimensions:
  Main Unit: 7.31 x 5.39 x 1.26 in. (185.8 x 136.9 x 32mm)
  Remote Thermo-Hygrometer: 2.37 x 4 x 1 in. (60 x 101 x 25mm)
  Remote Anemometer: 19.16 x 19.16 x 15.35 in. (486.6 x 486.6 x 390mm)
  Remote Rain Gauge: 6.49 x 6.89 x 4.72 in. (165 x 175 x 119mm)
- ♦ Weight: (without batteries)
  Main Unit: 8.15 oz. (231g)
  Remote Thermo-Hygrometer: 2.29 oz. (65g)
  Remote Anemometer: 11.12 oz. (315g)
  Remote Rain Gauge: 10.24 oz. (290g)

Includes:
- Main display unit
- Remote Thermo-Hygrometer
- Remote Anemometer
- Remote Rain Gauge
- Data Logging Software (Weather View PC)
- Cable
- User's manual

UPC	NO.	
01298 7	**WS831DL**	
01523 0	**TR831**	Extra Temperature-Humidity Wireless Transmitter (optional)

WEATHER
Weather Station

GENERAL®

CE RoHS
WS821

PROFESSIONAL WIRELESS WEATHER STATION

Ideal for pro-am forecasters.

FEATURES

- Wirelessly transmits outdoor temperature, humidity, quantity of rainfall, wind velocity and direction from the exterior sensors to the display station from up to 325 ft. (100m) away
- Expandable up to 5 outdoor temperature/ humidity transmitters for climate control of remote rooms, e.g. children's room, wine-cellar, greenhouse
- Indoor temperature and humidity with comfort level indicator of indoor climate
- Weather forecast with symbols and trend of atmospheric pressure
- Absolute and relative atmospheric pressure with 24 hours history
- Bar graph indication of atmospheric pressure, temperature or humidity for the last 24 hours
- Radio controlled clock with different alarms and snooze functions
- Display of date and day of the week (6 languages)
- Time of rising and setting of sun and moon
- Indication of moon phase
- Wind chill factor and dew point
- Programmable alarms for temperature and storm conditions
- Maximum and minimum values
- LED Backlight with light sensor (in continuous operation with power adapter)
- For wall mounting or table standing
- CE and RoHS approved

Includes:
- Display Station
- Power Adapter 7.5V AC/DC
- Temperature-Humidity Sensor
- Wind Sensor with mounting materials
- Rain Sensor with mounting materials
- User's manual

UPC	NO.	
08210 2	**WS821**	
01523 0	**TR831**	Extra Temperature-Humidity Wireless Transmitter (optional)

SPECIFICATIONS

- Radio Frequency: 433 MHz
  Transmission Range: up to 328 ft. (100m)
- Barometric Pressure:
  Measuring Range: 14.75 to 32.44 inHg (500 to 1100Hpa); (374.5 to 823.8 mmHg)
  Resolution: 0.003 inHg (0.1 Hpa, 0.08 mmHg)
  Accuracy: ±0.015 inHg (5 Hpa; 0.38 mmHg)
  Sampling Interval: 20 minutes
  Altitude Compensation Range: -657 to 16404 ft. (-200 to 5000m)
- Temperature: (Main unit)
  Operating Range: 14.2° to 140°F (-9.9° to 60°C)
  Resolution: 0.2°F (0.1°C)
  Accuracy: ±2°F (1°C)
  Sampling Interval: 10 seconds
- Temperature: (Remote unit)
  Range: -40° to 176°F (-40° to 80°C)
  Resolution: 0.2°F (0.1°C)
  Accuracy: ±2°F (1°C)
  Transmitting Interval: around 47 seconds
- Humidity: (Main unit)
  Operating Range: 0 to 99%
  Resolution: 1%
  Accuracy: ±5%
  Sampling Interval: 10 seconds
- Humidity: (Remote unit)
  Operating Range: 0 to 99%
  Resolution: 1%
  Accuracy: ±5%
  Sampling Interval: 10 seconds
  Transmitting Interval: around 47 seconds
- Wind Direction:
  Range: 0° to 360°
  Resolution: 22.5°
  Accuracy: ±11.25°
  Starting Threshold: 3mph (4.8 kmph)
  Transmitting Interval: 33 seconds
- Wind Speed:
  Range: 0 to 199.9mph (199.9 kmph, 173.7 Knots, 89.3 m/s)
  Resolution: 0.1mph (0.16 kmph)
  Accuracy: ±(2mph + 5%)
  Starting Threshold: 3mph (4.8 kmph)
  Wind/Gust Speed Display Update Interval: 33 seconds
  Wind/Gust Sampling Interval: 11 seconds
- Rainfall:
  1h/24h/Yesterday Range: 0 to 78.73 in. (0 to 1999.9mm)
  Last Week/Last Month Range: 0 to 787.3 in. (0 to 19999mm)
  Resolution: 0.03 in. (0.6578mm)
  Accuracy: ±5% ±0.03 in. (±5% ±0.6875mm)
  Transmitting Interval: 183 seconds
- Power Source: Total of 10 "AA" batteries (not included)
  MAIN UNIT: 4 "AA" batteries; 7.5V AC/DC power adaptor (200mA; center pin positive)
  REMOTE THERMO-HYGROMETER: 2 "AA" batteries
  REMOTE ANEMOMETER: 2 "AA" batteries
  REMOTE RAIN GAUGE: 2 "AA" batteries
- Dimensions:
  Main Unit: 7.31 x 5.39 x 1.26 in. (185.8 x 136.9 x 32mm)
  Remote Thermo - Hygrometer: 2.37 x 4 x 1 in. (60 x 101 x 25mm)
  Remote Anemometer: 19.16 x 19.16 x 15.35 in. (486.6 x 486.6 x 390mm)
  Remote Rain Gauge: 6.49 x 6.89 x 4.72 in. (165 x 175 x 119mm)
- Weight (without batteries)
  Main unit: 8.15 oz. (231g)
  Remote Thermo-Hygrometer: 2.29 oz. (65g)
  Remote Anemometer: 11.12 oz. (315g)
  Remote Rain Gauge: 10.24 oz. (290g)

ALWAYS WEAR OSHA APPROVED SAFETY GOGGLES

DELUXE LIGHTNING DETECTOR

Ideal for storm warning and storm direction.

FEATURES

- Detects storms within 40 miles
- Senses if the storm is moving towards, away, or parallel to your location
- Identifies severe thunderstorms as well as storms that can produce dangerous winds, heavy rains or tornadoes
- Starts detecting thunderstorms up to 70 miles away, registers activity at 40 miles
- Used by Little League teams, golf courses, and recreational districts
- Hand-held or table mountable
- Optional wall mount accessory

SPECIFICATIONS

- ♦ Ranges: 0 to 3 mi; 3 to 8 mi; 8 to 20 mi; 20 to 40 mi
- ♦ Dimensions: 6.5 x 3.1 x 1.5 in. (165 x 79 x 38mm)
- ♦ Weight: 10.8 oz. (306g) (w/o batteries)
- ♦ Power Source: 2 “9V” batteries (included)

Includes: • Rugged, weather-resistant plastic case

UPC	NO.
60600 1	**LD50**
60615 5	**LD50MB** Wall mount accessory (optional)

LD50

LIGHTNING SEEKER™ PERSONAL LIGHTNING DETECTOR

Ideal for early storm warnings and storm directions and protection for any outdoor activity.

FEATURES

- Pocket size lightning detector that can be clipped on your belt or hung from your belt loop
- Gives you early warning of pending storms and lightning at various distances from 0 to 40 miles away
- Multiple alarm signals include an audible alarm, a vibration alarm and sequentially illuminating LED’s at various distance intervals: 24 to 40 miles, 12 to 24 miles, 6 to 12 miles and 0 to 6 miles
- Will inform you if the danger is approaching, stationary or departing
- FCC, CE, RoHS, WEEE approved

SPECIFICATIONS

- ♦ Ranges: 0 to 6 miles; 6 to 12 miles; 12 to 24 miles; 24 to 40 miles
- ♦ Dimensions: 3.31 x 2.17 x 0.96 in. (84 x 55 x 24mm)
- ♦ Weight: 2.6 oz. (74g)
- ♦ Power Source: 2 “AAA” batteries (included)

UPC	NO.
01368 7	**LD7**

RoHS

LD7

GENERAL®

"Man is a tool using animal. Weak in himself and of small stature, he stands on a basis of some half-square-foot, and has to straddle out his legs lest the very winds supplant him. Nevertheless, he can use tools, can devise tools; with these the granite mountains melt into light dust before him; seas are his smooth highways, winds and fire his unwearying steeds, Nowhere do you find him without tools. Without tools he is nothing, but with tools he is all."

Thomas Carlyle (1795–1881)

"It's Your Job . . . General Tools Make It Easier"

GENERAL TOOLS & INSTRUMENTS • 80 White Street, New York, NY 10013-3567
PHONE (212) 431-6100 • FAX (212) 431-6499 • TOLL FREE (800) 697-8665
e-mail: gentools@generaltools.com
www.generaltools.com

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